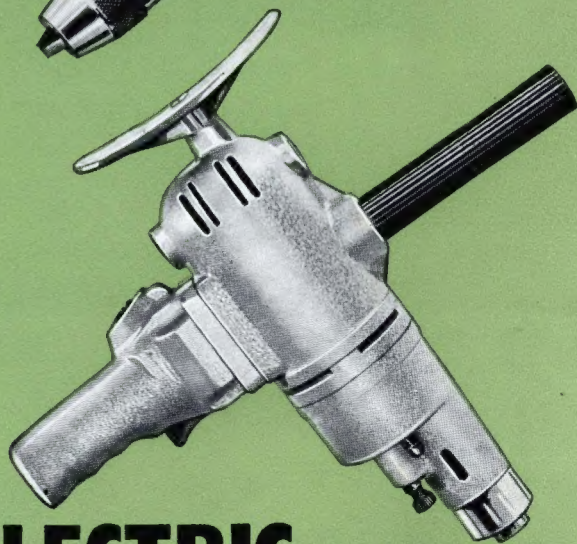
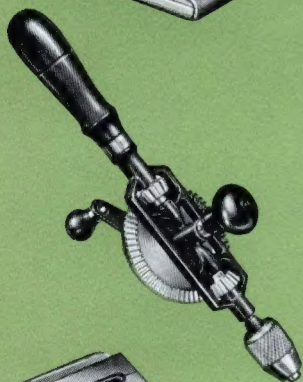
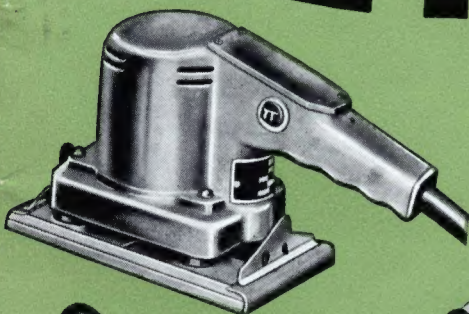




METABO



ELECTRIC AND HAND TOOLS



METABO

ELECTRIC AND HAND TOOLS

Presenting the extensive METABO range: comprising the very latest and up-to-date in hand drills, grinders, bench drills, polishing heads, etc., plus the most advanced and reliable in electric drills, grinders, sanders, saws and other invaluable tools.

All METABO electric and hand tools are unconditionally guaranteed against faulty material and workmanship. Any machine returned for repair will be substituted by a duplicate machine for the duration of the servicing.

All METABO electric tools where possible are double insulated—an important additional safety precaution.

All METABO tools are packed in strong and attractive cardboard cartons or wooden cases as with grinders.

Displays stands and showcards free of charge.

All METABO electric tools in this catalogue are designed for industrial use.

On purchase of any tool in the METABO range, one buys years of experience, care and precision in manufacture and the desired wish to present the best in this field.

YOUR WHOLESALE DISCOUNTS

Pages 107 to 110 — $17\frac{1}{2}\%$ — **20%**

Pages 111 to 130 — $12\frac{1}{2}\%$ — **20%**

All above less $2\frac{1}{2}\%$ Monthly Account.

Page 111, Tool No. 450 should read 143/6

All METABO tools are manufactured in West Germany.

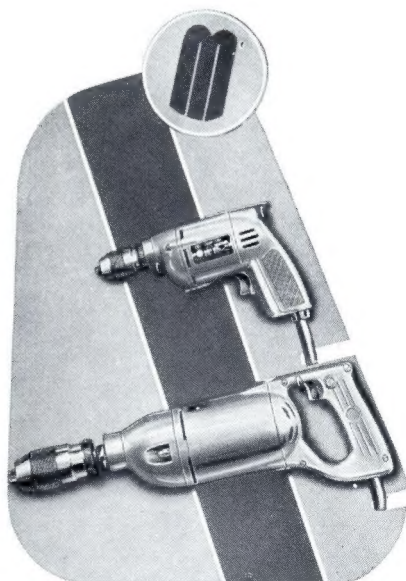
METABO DISPLAY STANDS



The Display Stand shown on the left is supplied free, only the tools are charged for. The Stand is complete with one of each of the following tools. No. 129 $\frac{5}{16}$ " Hand Drill, No. 214 $\frac{3}{8}$ " Hand Drill, No. 5121 $\frac{1}{4}$ " Hand Drill, No. 19 $\frac{3}{8}$ " Breast Drill and No. 185K $\frac{1}{2}$ " Breast Drill; No. 48 3" Grinder, No. 148 $3\frac{1}{2}$ " Grinder, No. 149 4" Grinder, No. 2M/5" Grinder and No. 151 6" Grinder.

PRICE COMPLETE £11 9 0

The attractive Stand illustrated on the right is ideal for window or showroom display and is entirely free upon the purchase of two Metabo Electric Drills. It is finished in bright red and green enamel and is only one of the many sales aids offered for the furtherance of the sale of Metabo products.





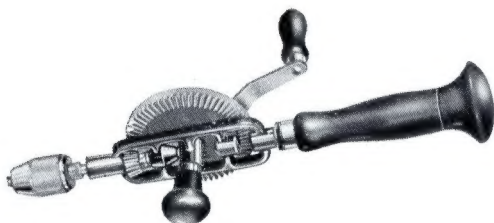
5045. $\frac{1}{2}$ " capacity single pinion Hand Drill. Superbly finished and packed six per carton. **EACH 11/-**



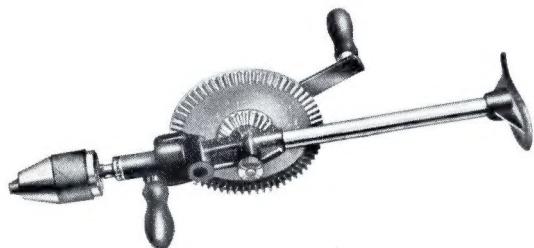
5121. $\frac{1}{2}$ " capacity single pinion Hand Drill. Superbly finished and packed six per carton. **EACH 12/6**



129. $\frac{5}{16}$ " capacity double pinion Hand Drill. Machine cut gears, superbly finished and cartoned individually. **EACH 19/9**



214. $\frac{3}{8}$ " capacity double pinion Hand Drill. Machine cut gears, magazine handle to hold spare twist drills. Superbly finished and cartoned individually. **EACH 31/6**



185K. $\frac{1}{2}$ " capacity two-speed ball bearing Breast Drill. Open machine-cut gears. Superbly finished and individually cartoned. **EACH 34/9**



17. $\frac{5}{16}$ " capacity two-speed ball bearing Breast Drill with totally enclosed, machine-cut helical gears. Superbly finished and individually cartoned.

EACH 36/9



19. Two-speed ball bearing Breast Drill. Exactly as above but $\frac{3}{8}$ " capacity.

EACH 43/3



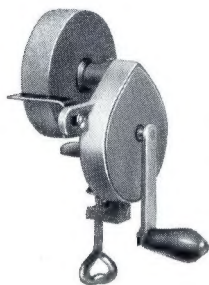
20. Two-speed ball bearing Breast Drill. Exactly as above but $\frac{1}{2}$ " capacity.

EACH 55/9

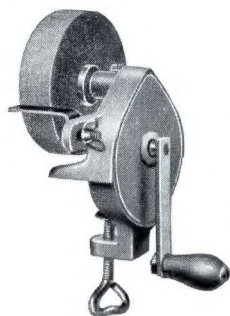


21. $\frac{1}{2}$ " capacity two-speed, heavy duty, ball bearing Breast Drill. Totally enclosed machine-cut helical gears with chuck and No. 1 MT sleeve to take taper shank drills up to $\frac{35}{64}$ ". Superbly finished and individually cartoned.

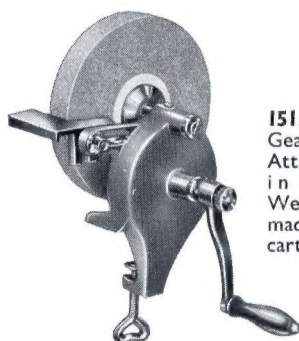
EACH 61/6



48. $3" \times \frac{3}{4}"$ Wheel.
Gear ratio 1 to $8\frac{1}{2}$.
Attractively finished
in red enamel.
Weight 1 lb. 4 oz.
Packed two per car-
ton. **EACH 9/6**

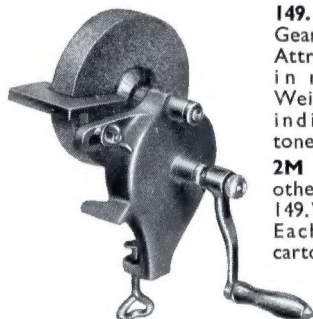


148. $3\frac{1}{2}" \times \frac{3}{4}"$ Wheel.
Gear ratio 1 to $8\frac{1}{2}$.
Attractively finished
in red enamel.
Weight 1 lb. 14 oz.
Packed two per car-
ton. **EACH 11/6**



151. $6" \times 1"$ Wheel.
Gear ratio 1 to 10.
Attractively finished
in red enamel.
Weight 6 lb. Each
machine individually
cartoned.

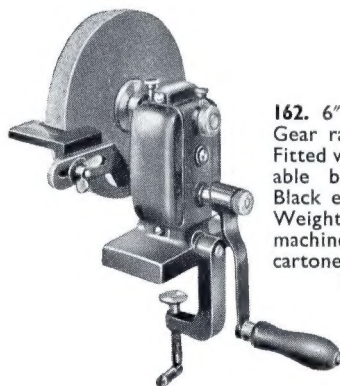
EACH 32/9



149. $4" \times \frac{7}{8}"$ Wheel.
Gear ratio 1 to $8\frac{1}{2}$.
Attractively finished
in red enamel.
Weight 2 lb. 5 oz.
individually car-
toned. **EACH 19/3**

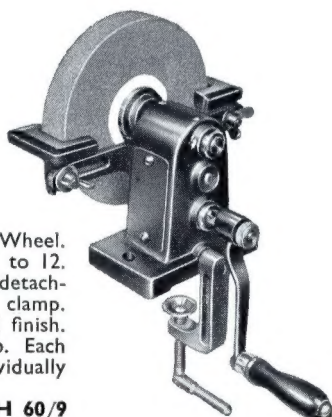
2M $5" \times 1"$ wheel,
otherwise as No.
149. Weight 3 lb. 4 oz.
Each individually
cartoned.

EACH 24/3



162. $6" \times 1"$ Wheel.
Gear ratio 1 to 12.
Fitted with a detach-
able bench clamp.
Black enamel finish.
Weight 7 lb. Each
machine individually
cartoned.

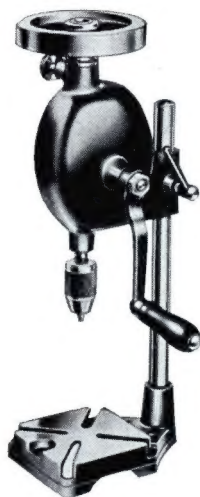
EACH 60/9



167. Super Grinder.
 $6" \times 1"$ wheel. This
machine is unique in
the hand grinder
class. Its gear ratio
of 1 to 22 enables
the operator to
obtain speeds as high
as a power driven
machine. It is fitted

with a detachable bench clamp, and
left and right hand fully adjustable tool
rests. Finished in black enamel. Weight
 $9\frac{1}{2}$ lbs. Each machine is individually
cartoned.

EACH 76/9



449. $\frac{5}{16}$ " capacity single speed Bench Drill with automatic feed and totally enclosed dust-proof gears. Attractively finished in red and black enamel. Individually cartoned.

SPECIFICATION:

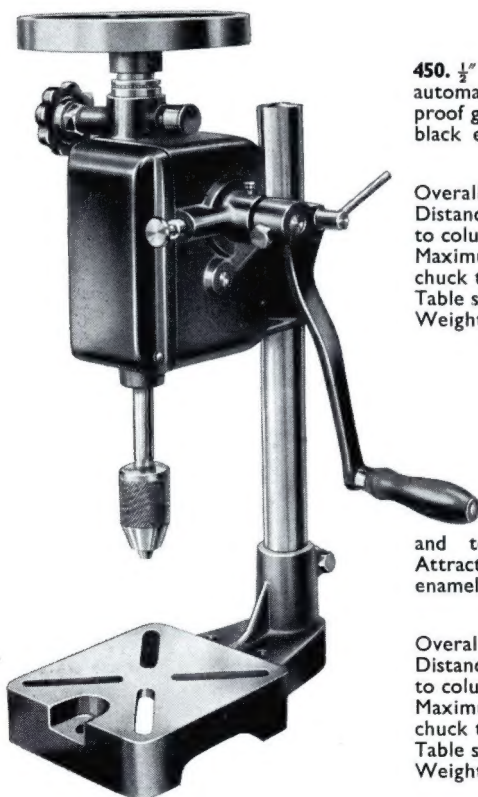
Overall height	16"
Distance from drilling spindle to column	$3\frac{3}{8}$ "
Maximum distance from drill chuck to table	6"
Table size	4" x 4"
Weight	10 lb. 14 oz.
EACH 79/9	



450. $\frac{1}{2}$ " capacity two-speed Bench Drill with automatic feed and totally enclosed dust-proof gears. Attractively finished in red and black enamel. Individually cartoned.

SPECIFICATION:

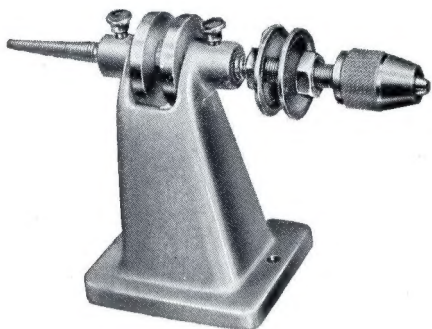
Overall height	$20\frac{3}{4}$ "
Distance from drilling spindle to column	5"
Maximum distance from drill chuck to table	8"
Table size	$4\frac{3}{4}$ " x $4\frac{3}{4}$ "
Weight	18 lb. 10 oz.
EACH 113/6	



460/16. $\frac{3}{8}$ " capacity two-speed Bench Drill with automatic feed and totally enclosed dust-proof gears. Attractively finished in red and black enamel. Individually cartoned.

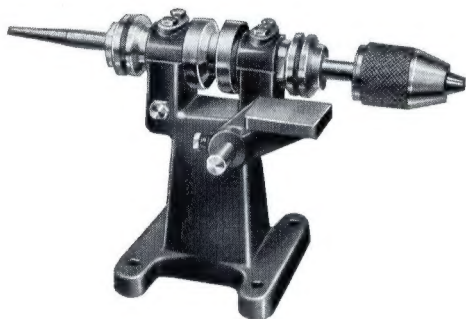
SPECIFICATION:

Overall height	$28\frac{3}{8}$ "
Distance from drilling spindle to column	6"
Maximum distance from drill chuck to table	10"
Table size	$6\frac{3}{4}$ " x $6\frac{3}{4}$ "
Weight	38 lb. 8 oz.
EACH 237/-	



2650. Polishing Head, complete with 3-jaw drill chuck, 0- $\frac{1}{4}$ " capacity, taper spindle and 4" grinding wheel. Weight 2 lb. 12 oz. Each individually cartoned.

EACH £1 7 3



2660. Polishing Head, complete with 3-jaw drill chuck, 0- $\frac{1}{2}$ " capacity, taper spindle, 4" grinding wheel, 4" wire wheel and 4" polishing mop. Weight 7 lb. 11 oz. Each individually cartoned.

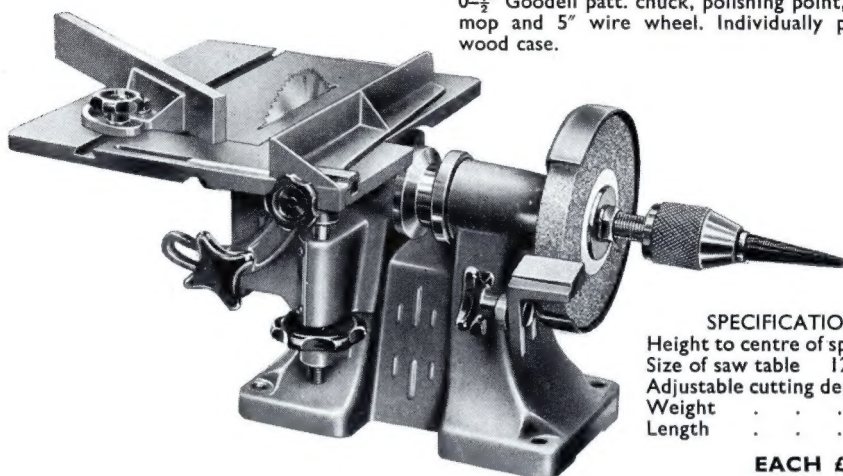
EACH £3 11 0



2660T. Polishing Head and Saw Bench, complete with 3-jaw drill chuck, 0- $\frac{1}{2}$ " capacity, taper spindle, saw table, circular saw blade and guard, 4" grinding wheel, 4" wire wheel and 4" polishing mop. Weight 12 lb. Each individually cartoned.

EACH £6 12 3

2665. Polishing Head and Saw Bench. Complete with 6" grinding wheel, 6" saw blade and guard, 0- $\frac{1}{2}$ " Goodell patt. chuck, polishing point, 5" calico mop and 5" wire wheel. Individually packed in wood case.



SPECIFICATION:

Height to centre of spindle 6 $\frac{3}{4}$ "
 Size of saw table 12 $\frac{3}{8}$ " x 10 $\frac{3}{8}$ "
 Adjustable cutting depth 0-1 $\frac{1}{4}$ "
 Weight 39 $\frac{1}{2}$ lbs.
 Length 20"

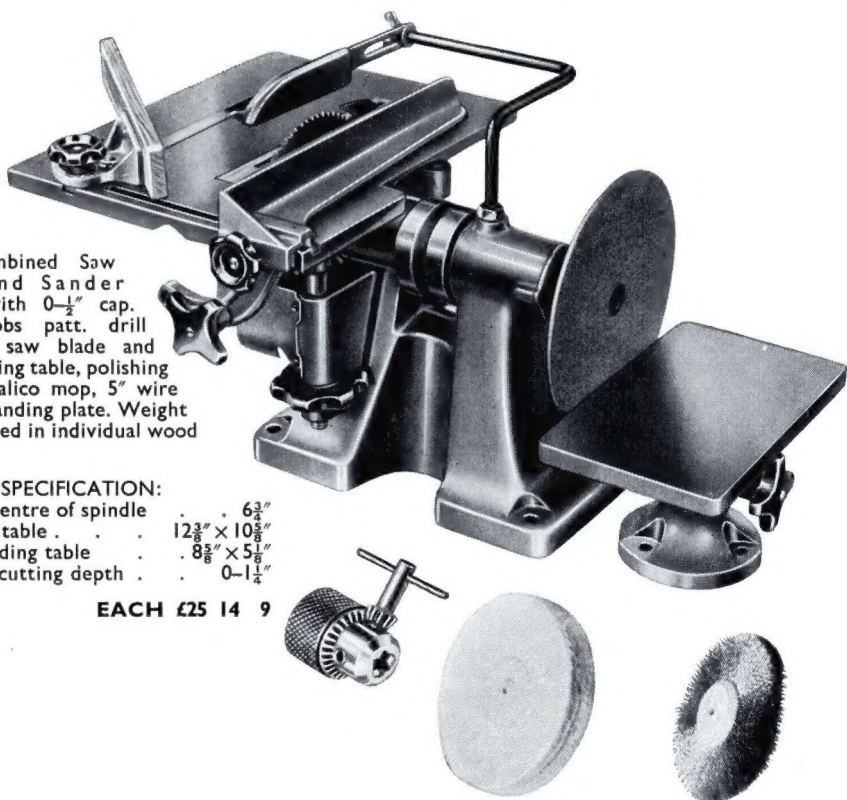
EACH £18 8 9

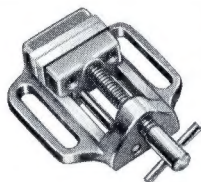
2666. Combined Saw Bench and Sander Grinder with 0- $\frac{1}{2}$ " cap. 3-jaw Jacobs patt. drill chuck, 6" saw blade and guard, sanding table, polishing point, 5" calico mop, 5" wire wheel, 7" sanding plate. Weight 42 lbs. Packed in individual wood case.

SPECIFICATION:

Height to centre of spindle . . . 6 $\frac{3}{4}$ "
 Size of saw table . . . 12 $\frac{3}{8}$ " x 10 $\frac{3}{8}$ "
 Size of grinding table . . . 8 $\frac{3}{8}$ " x 5 $\frac{1}{8}$ "
 Adjustable cutting depth . . . 0-1 $\frac{1}{4}$ "

EACH £25 14 9



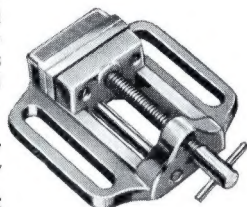


042. For use with hand operated Bench Drill No. 450.

SPECIFICATION:
Width of jaws . 2"
Opening up to . 1 $\frac{3}{4}$ "
Weight . 2 lbs. 3 ozs.
EACH 29/9

041. For use with hand-operated Bench Drill No. 450 or Portable Electric Drill Stands Nos. 782 and 788/1 and 783/2.

SPECIFICATION:
Width of jaws . 2 $\frac{3}{4}$ "
Opening up to . 2 $\frac{3}{4}$ "
Weight . 3 lbs. 8 ozs.
EACH 39/9



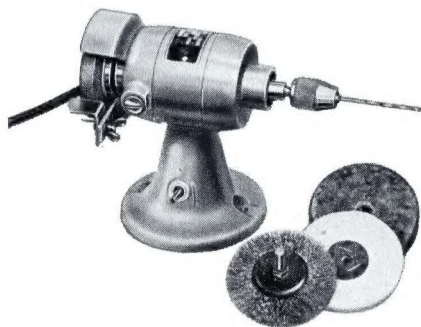
039. For use with Portable Electric Drill Stands. Also for use with No. 460 Bench Drill.

SPECIFICATION:
Width of jaws . 4"
Opening up to . 2 $\frac{9}{16}$ "
Weight . 11 lbs.
EACH 138/9



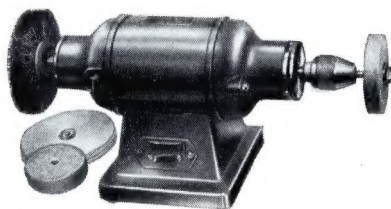
038. For use with Portable Electric Drill Stands Nos. 788/1, 782 and 783/2. Also for use with No. 460 Bench Drill.

SPECIFICATION:
Width of jaws . 3 $\frac{3}{8}$ "
Opening up to . 2 $\frac{3}{4}$ "
Weight . 7 lbs. 6 ozs.
EACH 90/-



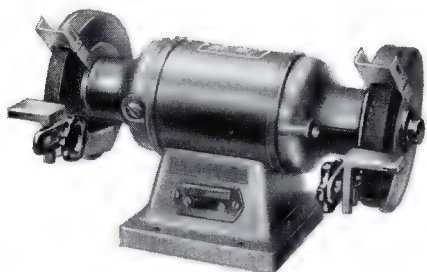
702PM. Polishing Machine fitted with 220/250-volt AC/DC Universal motor, $\frac{1}{8}$ h.p., 11,000 r.p.m. Complete with standard equipment. Comprising taper polishing point and $\frac{1}{4}$ " capacity Goodell patt. drill chuck, 3" grinding wheel, 3" wire wheel, calico buffing mop. Weight 5 lbs. Each machine is individually cartoned.

EACH £10 13 0



704PM. Polishing Machine fitted with 220/250-volt universal AC/DC motor, $\frac{1}{8}$ h.p., 10,000 r.p.m. Complete with standard equipment comprising 2" x $\frac{1}{2}$ " grinding wheel, $\frac{1}{4}$ in. capacity Goodell patt. chuck, 4" wire wheel, 4" calico buffing mop. Weight 5 lbs. Each machine is individually cartoned.

EACH £15 19 0

**704. BENCH GRINDER**

4" Grinder with universal motor for 220/250-volt AC/DC supply. Complete with one fine and one coarse wheel. Adjustable tool rests and cable. Each machine individually cartoned.

SPECIFICATION:

Grinding wheel dimensions . . .	4" \times $\frac{5}{8}$ " \times $\frac{3}{8}$ "
Motor output	$\frac{1}{4}$ h.p.
R.P.M.	6,000
Approx. weight	17 $\frac{1}{2}$ lbs.

EACH £15 6 0**705W. BENCH GRINDER**

5" single-phase Grinder for 220/250-volt AC supply. Complete with one fine and one coarse wheel, adjustable tool rests and cable. Each machine individually cartoned.

SPECIFICATION:

Grinding wheel dimensions . . .	5" \times $\frac{3}{4}$ " \times $\frac{3}{4}$ "
Motor output	$\frac{1}{4}$ h.p.
R.P.M.	2,800
Approx. weight	24 lbs.

EACH £17 11 0**STANDARD DUTY****7155 and 7155W BENCH GRINDERS**

7155. 6" three-phase Grinder for 400/440-volt AC supply. Complete with one fine and one coarse wheel, adjustable tool rests and cable. Each machine individually boxed.

SPECIFICATION:

Grinding wheel dimensions . . .	6" \times $\frac{3}{4}$ " \times $\frac{1}{2}$ "
Motor output	$\frac{1}{4}$ h.p.
R.P.M.	2,800
Approx. weight	26 $\frac{1}{2}$ lbs.

EACH £19 19 6

7155W. 6" Grinder, as above, but 220/250-volt, single-phase supply. Motor output $\frac{1}{4}$ h.p.

EACH £21 10 0**HEAVY DUTY****706 and 706W. BENCH GRINDERS**

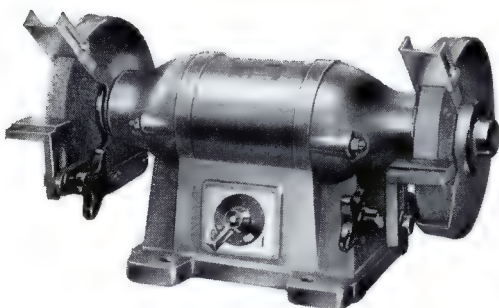
706. 6" Grinder for 400/440-volt, three-phase supply. With one fine and one coarse wheel, adjustable tool rests and cable. Each machine individually boxed.

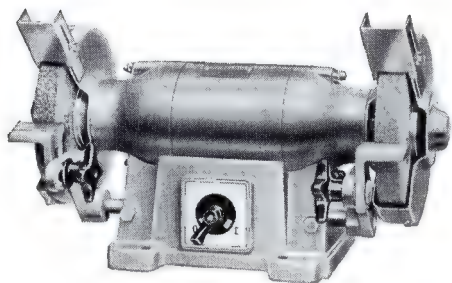
SPECIFICATION:

Grinding wheels	6" \times $\frac{3}{4}$ " \times $1\frac{1}{4}$ "
Motor output	$\frac{1}{4}$ h.p.
R.P.M.	2,800
Approx. weight	33 lbs.

EACH £20 19 0

706W. 6" Grinder, as above, but 220/250-volt, single-phase supply. Motor output $\frac{1}{4}$ h.p.

EACH £22 18 6



710 and 710W BENCH GRINDERS

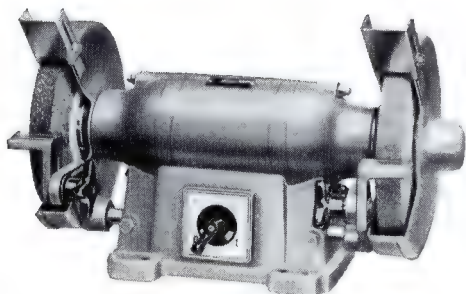
710. 7" Grinder for 400/440-volt, three-phase supply, with one fine and one coarse wheel, adjustable tool rests and cable. Each machine individually boxed.

SPECIFICATION:

Grinding wheels	. 7" x 1" x 1 1/2"
Motor output 2 h.p.
R.P.M. 2,800
Approximate weight	. 48 1/2 lbs.
	EACH £27 14 0

710W. 7" Grinder, as above, but 220/250-volt, single-phase supply. Motor output 3/4 h.p.

EACH £30 7 0



711 and 711W BENCH GRINDERS

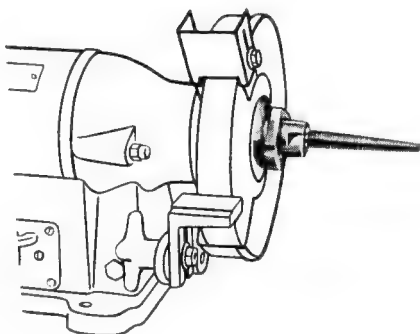
711. 8" Grinder for 400/440-volt, three-phase supply with one fine and one coarse wheel, adjustable tool rests and cable. Each machine individually boxed.

SPECIFICATION:

Grinding wheel	. 8" x 1" x 1 1/2"
Motor output 2 h.p.
R.P.M. 2,800
Approximate weight	. 52 lbs.
	EACH £30 7 0

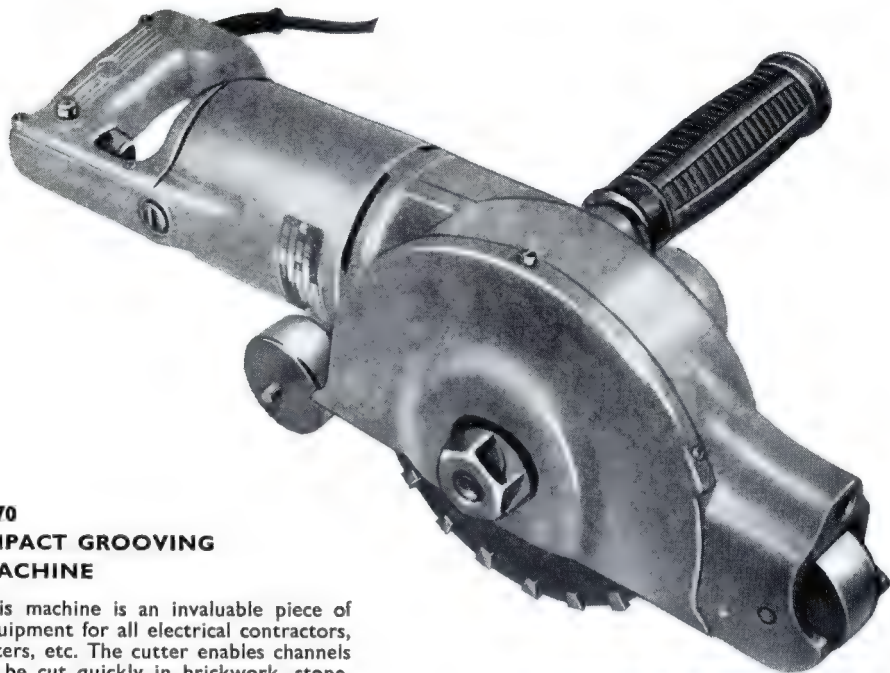
711W. 8" Grinder, as above, but 220/250-volt, single-phase supply. Motor output 3/4 h.p.

EACH £32 19 0



POLISHING POINTS for Metabo Electric Grinders

1R for 705 R-H.	EACH 35/6
1L for 705 L-H.	EACH 35/6
2R for 706 R-H.	EACH 45/6
2L for 706 L-H.	EACH 45/6
3R for 710 & 711 R-H.	EACH 48/9
3L for 710 & 711 L-H.	EACH 48/9

**6370****IMPACT GROOVING MACHINE**

This machine is an invaluable piece of equipment for all electrical contractors, fitters, etc. The cutter enables channels to be cut quickly in brickwork, stone, etc., for receiving conduit tubing or other types of pipe. Clean holes to receive junction boxes can easily be made by the hole cutter. Each machine is supplied complete with 6" grooving cutters, side handle and length of cable. The tremendous advantages of this machine will readily be appreciated by all tradesmen, regardless of their particular type of work.

SPECIFICATION:

Output in watts	450
Speed	370 r.p.m.
Weight	12½ lbs.
Diameter of grooving blade	6"
Width	1⅜"
Depth of cut	1½"
Diameter of hole cutter	3¼"

EACH £58 3 6

Hole Cutter for junction boxes, etc.
3½" diameter. **EACH 191/9**



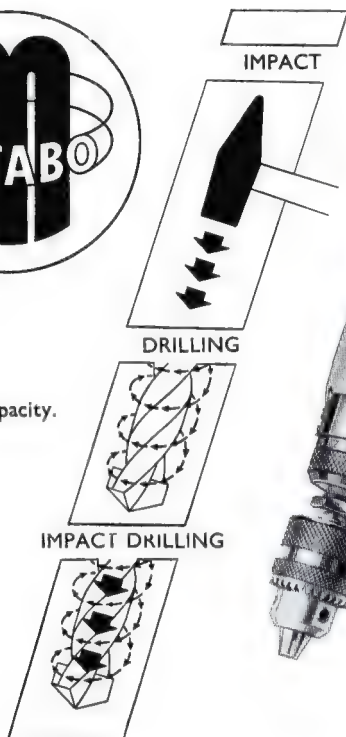
*The illustrations on the right
show two of the machine's uses.*

THE UNIQUE MACHINE SHOWN ABOVE IS A TYPICAL EXAMPLE OF THE MANY AND VARIED TYPES OF MACHINE AVAILABLE IN THIS RANGE—MADE IN WEST GERMANY

IMPACT DRILLING MACHINES REDUCE DRILLING TIME



75108. $\frac{5}{16}$ " capacity.



DOUBLE
INSULATION



SPECIFICATION:

Normal drilling in steel . $\frac{5}{16}$ "
Impact drilling in stone/
brick/concrete, depending on
hardness . . . $\frac{1}{2}$ "
No load speed . . . 1,200 r.p.m.
Full load speed . . . 700 r.p.m.

Number of impacts under load—
Approx. 6,500 per minute

Watt input 300 watts
Watt output 140 watts
Weight 5.5 lbs.

EACH £26 12 0

These machines are the ideal medium for drilling dowel holes, penetrating walls and the like, for installing electrical equipment, etc. They are an invaluable aid to stonemasons, carpenters, plumbers and to tradesmen and artisans in many other fields.

"Impact drills are suitable for normal drilling of steel."

"Percussion drilling of concrete, brick, natural and artificial stone, tiles, etc".

"Impact drills ensure clean and quick drilling of dowel holes."

Drilling and impact drilling mechanism are in one unit with impact mechanism inside gear head (no attachments). The above features are therefore all possible within the size of a conventional drill and without any perceptible increase in weight.

The impact mechanism is adjustable to match the hardness of the material, as follows:—

- Position 0—Conventional drilling
1—Light impact drilling
2—Medium impact drilling
3—Heavy impact drilling

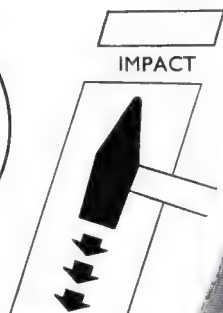
For glazed tiles, the starting impact should be light to prevent cracks. Use Position 0 for conventional drilling into steel, etc. For impact drilling into concrete, brick, tiles and the like, use Positions 1–3. Changes from light through to heavy impact can be made even during operation. This is particularly useful when starting holes in wall tiles and similarly sensitive materials. For impact drilling at Positions 1, 2 and 3 respectively, use cemented carbide drills with negative cutting edge only. Normal cemented carbide drills are **not** suitable, as such drills would be quickly destroyed. For standard drilling at position '0' normal cemented drills may be used.

MANY THOUSANDS OF THE ABOVE MACHINES ARE IN DAILY USE
THROUGHOUT THE WORLD—MADE IN WEST GERMANY

IMPACT DRILLING MACHINES REDUCE DRILLING TIME

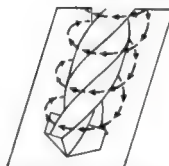


75113. $\frac{1}{2}$ " capacity.
Complete with side
handle.

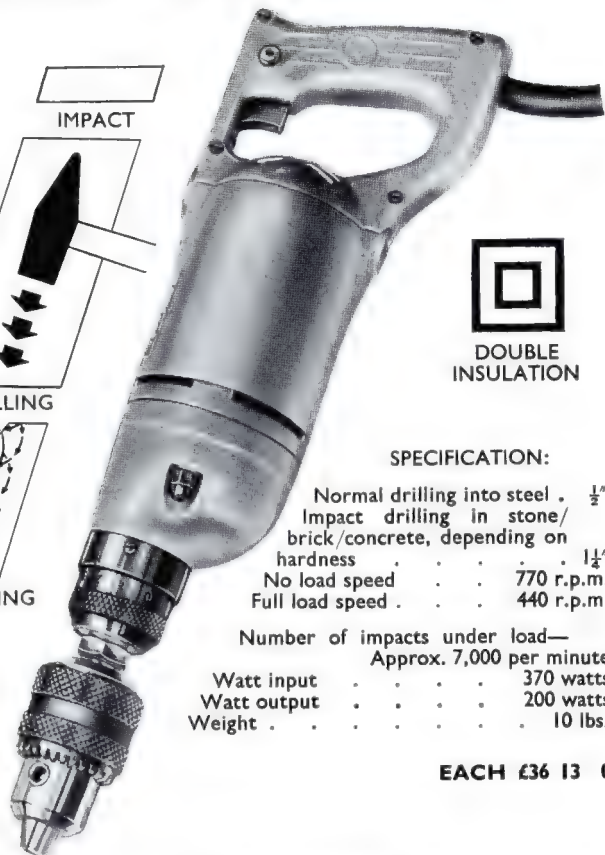
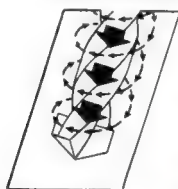


IMPACT

DRILLING



IMPACT DRILLING



DOUBLE
INSULATION

SPECIFICATION:

Normal drilling into steel .	$\frac{1}{2}$ "
Impact drilling in stone/ brick/concrete, depending on hardness	$\frac{1}{2}$ "
No load speed	770 r.p.m.
Full load speed	440 r.p.m.
Number of impacts under load— Approx. 7,000 per minute	
Watt input	370 watts
Watt output	200 watts
Weight	10 lbs.

EACH £36 13 0

These machines are the ideal medium for drilling dowel holes, penetrating walls and the like, for installing electrical equipment, etc. They are an invaluable aid to stonemasons, carpenters, plumbers and to tradesmen and artisans in many other fields.

"Impact drills are suitable for normal drilling of steel."

"Percussion drilling of concrete, brick, natural and artificial stone, tiles, etc."

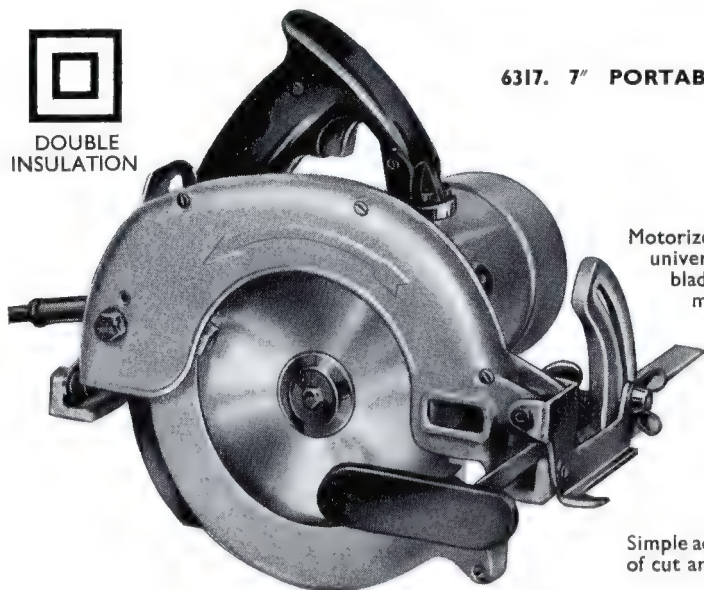
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- Position 0—Conventional drilling
- 1—Light impact drilling
- 2—Medium impact drilling
- 3—Heavy impact drilling

For glazed tiles, the starting impact should be light to prevent cracks. Use Position 0 for conventional drilling into steel, etc. For impact drilling into concrete, brick, tiles and the like, use Positions 1–3. Changes from light through to heavy impact can be made even during operation. This is particularly useful when starting holes in wall tiles and similarly sensitive materials. For impact drilling at Positions 1, 2 and 3 respectively, use cemented carbide drills with negative cutting edge only. Normal cemented carbide drills are **not** suitable, as such drills would be quickly destroyed. For standard drilling at Position 0 normal cemented drills may be used.

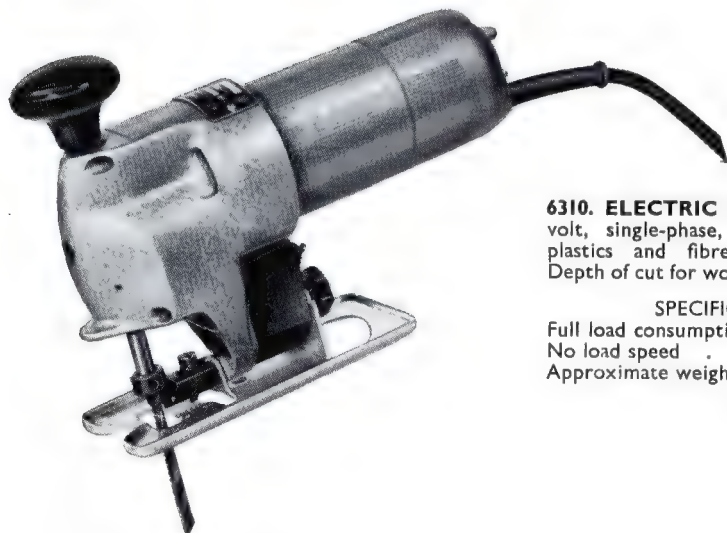
DOUBLE
INSULATION**6317. 7" PORTABLE ELECTRIC SAW**

Motorized for 220/250 volt AC/DC universal supply. Complete with blade, guard and cable. This machine combines light weight with very high power, ensuring easy transportation.

Simple adjustments regulate depth of cut and bevel-cutting.

SPECIFICATION:

Blade diameter	7"
Depth of cut	2½"
Output in watts	1,100
Speed	4,500 r.p.m.
Weight	12 lbs.

EACH £31 9 0DOUBLE
INSULATION

6310. ELECTRIC JIG SAW, 220/250-volt, single-phase, for cutting wood, plastics and fibrewood boards, etc. Depth of cut for wood up to 1⅝".

SPECIFICATION:

Full load consumption in watts . . .	200
No load speed	3,100 s.p.m.
Approximate weight	5 lbs.

EACH £23 18 6



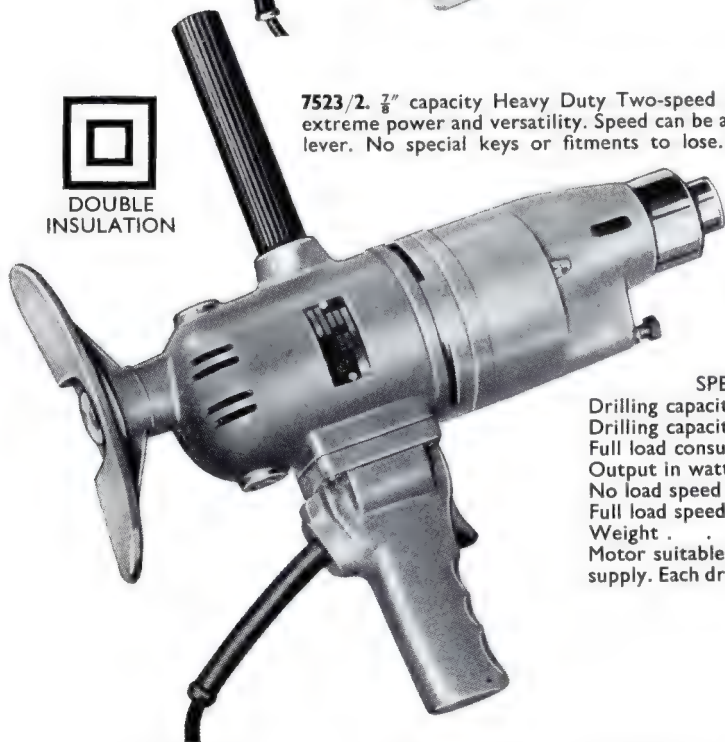
7519. $\frac{3}{4}$ " capacity Heavy Duty Drill. A powerful drill from the Metabo range. Supplied complete with rubber-covered supplementary handle, breast plate and cable. Spindle-bored No. 2 MT. A Vertical Drill Stand No. 788/1 is available for this machine. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	$\frac{3}{4}$ "
Drilling capacity in wood	$1\frac{1}{2}$ "
Full load consumption in watts	570
Output in watts	300
No load speed	570 r.p.m.
Full load speed	320 r.p.m.
Weight	$16\frac{3}{4}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £27 10 0



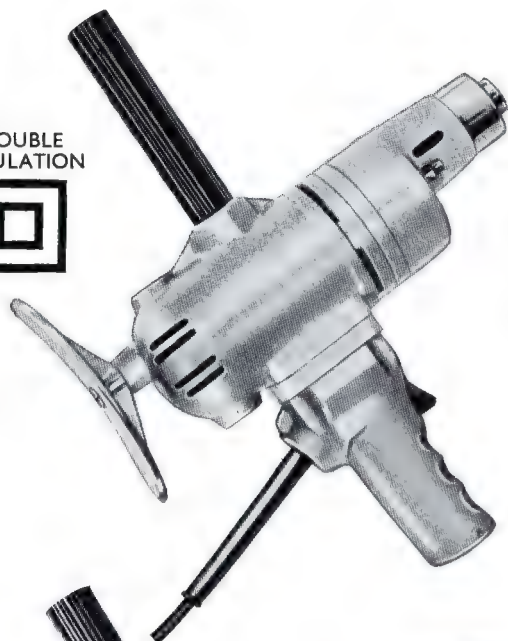
7523/2. $\frac{7}{8}$ " capacity Heavy Duty Two-speed Drill. A portable drill of extreme power and versatility. Speed can be altered with simple change lever. No special keys or fitments to lose. Supplied complete with rubber-covered supplementary handle, breast plate and cable. Spindle-bored No. 2 MT. A vertical Drill Stand No. 788/1 is available for this machine. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	$\frac{7}{8}$ "
Drilling capacity in wood	$1\frac{1}{2}$ "
Full load consumption in watts	570
Output in watts	300
No load speed	400/700 r.p.m.
Full load speed	220/360 r.p.m.
Weight	$18\frac{3}{4}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £31 18 0

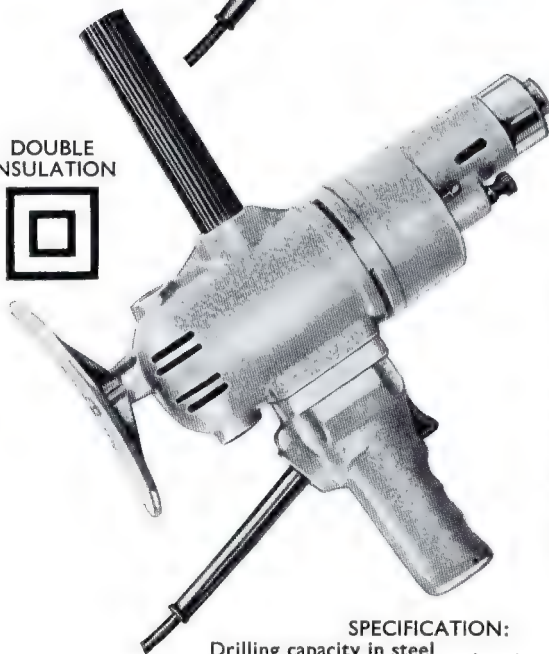
DOUBLE
INSULATION

7515. $\frac{5}{8}$ " capacity Heavy Duty Drill. This exceptionally powerful machine is supplied with a rubber-covered supplementary handle, breast plate and cable. Spindle-bored No. 1 MT $\frac{5}{8}$ " chuck with arbor can be supplied at extra cost. A Vertical Drill Stand No. 783/2 is available for the above. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	. . .	$\frac{5}{8}$ "
Drilling capacity in wood	. . .	$1\frac{3}{8}$ "
Full load consumption in watts	. . .	370
Output in watts	. . .	200
No load speed	. . .	600 r.p.m.
Full load speed	. . .	350 r.p.m.
Weight	. . .	$13\frac{1}{2}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £23 7 0DOUBLE
INSULATION

7515/2. $\frac{5}{8}$ " capacity Two-speed Drill. This drill is similar in appearance to the $\frac{5}{8}$ " capacity drill shown above but has the advantage of two speeds. The speed can be altered quickly and easily by means of the change button located in the drill body. There are no keys or other attachments to lose. Supplementary handle, breast plate and cable are all included with the drill; spindle-bored No. 1 MT $\frac{5}{8}$ " chuck with arbor can be supplied at extra cost. A Vertical Drill Stand No. 783/2 is available for the above. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	. . .	$\frac{5}{8}$ "
Drilling capacity in wood	. . .	$1\frac{3}{8}$ "
Full load consumption in watts	. . .	370
Output in watts	. . .	200
No load speed	. . .	380/770
Full load speed	. . .	220/440
Weight	. . .	$14\frac{3}{4}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £26 12 0

DOUBLE
INSULATION

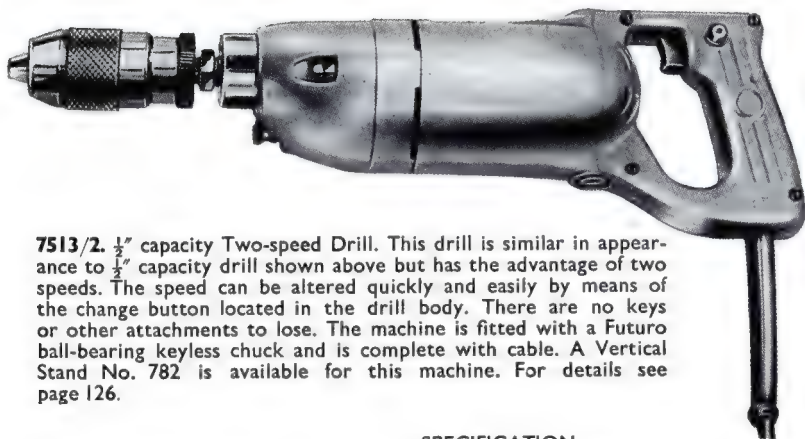
7513. $\frac{1}{2}$ " capacity Heavy Duty Drill. Generally of the same design as the $\frac{3}{8}$ " drill shown on page 124 but with a correspondingly heavier motor. It is supplied with a Futuro ball-bearing keyless drill chuck and is complete with cable. A Vertical Drill Stand No. 782 is available for this machine. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	$\frac{1}{2}$ "	Output in watts	200
Drilling capacity in wood	$\frac{3}{4}$ "	No load speed	700 r.p.m.
Full load consumption in watts	370	Full load speed	400 r.p.m.

Weight $9\frac{1}{4}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £21 8 0DOUBLE
INSULATION

7513/2. $\frac{1}{2}$ " capacity Two-speed Drill. This drill is similar in appearance to $\frac{1}{2}$ " capacity drill shown above but has the advantage of two speeds. The speed can be altered quickly and easily by means of the change button located in the drill body. There are no keys or other attachments to lose. The machine is fitted with a Futuro ball-bearing keyless chuck and is complete with cable. A Vertical Stand No. 782 is available for this machine. For details see page 126.

SPECIFICATION:

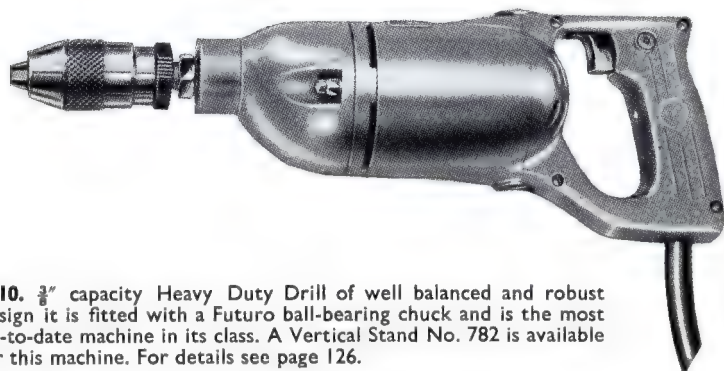
Drilling capacity in steel	$\frac{1}{2}$ "	Output in watts	200
Drilling capacity in wood	$\frac{3}{4}$ "	No load speed	320/700 r.p.m.
Full load consumption in watts	370	Full load speed	190/450 r.p.m.

Weight $10\frac{1}{4}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £24 16 0

ALL METABO ELECTRIC DRILLS UP TO $\frac{1}{2}$ " CAPACITY ARE FITTED WITH FUTURO KEYLESS CHUCKS—MADE IN WEST GERMANY

DOUBLE
INSULATION

7510. $\frac{3}{8}$ " capacity Heavy Duty Drill of well balanced and robust design it is fitted with a Futuro ball-bearing chuck and is the most up-to-date machine in its class. A Vertical Stand No. 782 is available for this machine. For details see page 126.

SPECIFICATION:

Drilling capacity in steel	Output in watts	160
Drilling capacity in wood	No load speed	940 r.p.m.
Full load consumption in watts 310	Full load speed	540 r.p.m.

Weight 8 lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £21 14 0

DOUBLE
INSULATION

7509/2. $\frac{3}{8}$ " capacity Standard Duty Two-speed Drill. This drill is similar in appearance to $\frac{3}{8}$ " capacity drill shown above but has the advantage of two speeds. The speed can be altered quickly and easily by means of the change button located in the drill body. There are no keys or other attachments to lose. The machine is fitted with a Futuro ball-bearing keyless chuck and is complete with cable. A Vertical Stand No. 780/4 is available for this machine. For details see page 126.

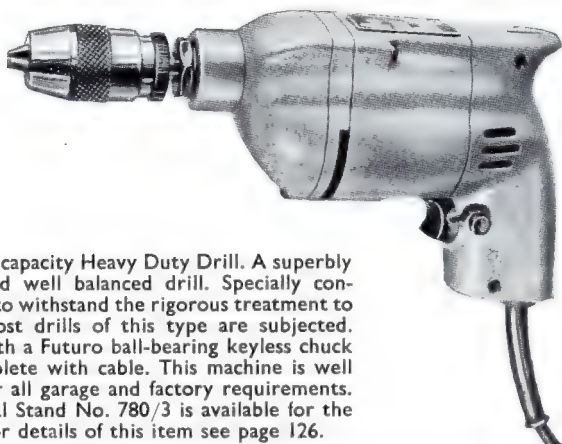
SPECIFICATION:

Drilling capacity in steel	Output in watts	140
Drilling capacity in wood	No load speed	800/2,300 r.p.m.
Full load consumption in watts 300	Full load speed	500/1,500 r.p.m.

Weight $5\frac{1}{2}$ lbs.

Motor suitable for 220/250-volt AC/DC supply. Each drill is individually cartoned.

EACH £18 3 0



7508. $\frac{5}{16}$ " capacity Heavy Duty Drill. A superbly styled and well balanced drill. Specially constructed to withstand the rigorous treatment to which most drills of this type are subjected. Fitted with a Futuro ball-bearing keyless chuck and complete with cable. This machine is well suited for all garage and factory requirements. A Vertical Stand No. 780/3 is available for the above. For details of this item see page 126.

DOUBLE
INSULATION



SPECIFICATION:

Drilling capacity in steel	$\frac{5}{16}$ "	Output in watts	140
Drilling capacity in wood	$\frac{1}{2}$ "	No load speed	1,300 r.p.m.
Full load consumption in watts	300	Full load speed	800 r.p.m.

Weight $4\frac{3}{8}$ lbs.

Motor suitable for 220/250-volt AC/DC supply.

Each drill is individually cartoned.

EACH £15 3 0



7508/2. $\frac{5}{16}$ " capacity Two-speed Drill. This drill is similar in appearance to the $\frac{5}{16}$ " capacity drill shown above, but in fact it has the great advantage of two speeds. The speed can be altered quickly and easily by means of the change button located in the drill body. There are no keys or other attachments to lose. The machine is fitted with a Futuro ball-bearing keyless chuck and is complete with cable. A Vertical Stand No. 780/3 is available for this drill. For details see page 126.

DOUBLE
INSULATION



SPECIFICATION:

Drilling capacity in steel	$\frac{5}{16}$ "	Output in watts	140
Drilling capacity in wood	$\frac{3}{8}$ "	No load speed	800/3,100 r.p.m.
Full load consumption in watts	300	Full load speed	500/2,100 r.p.m.

Weight 5 lbs.

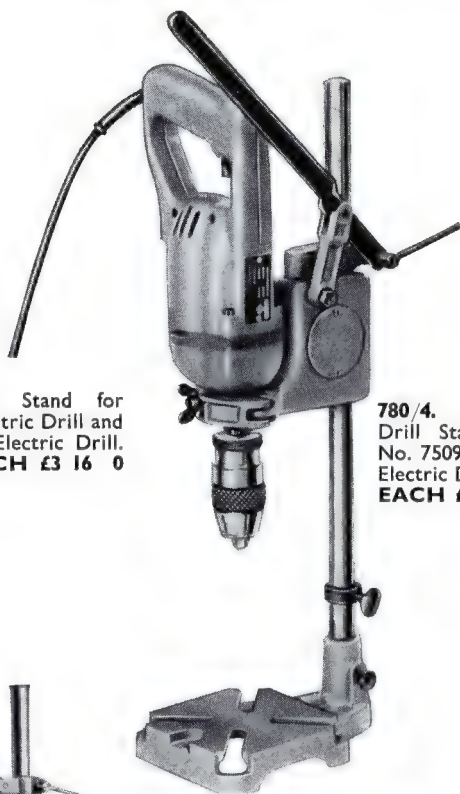
Motor suitable for 220/250-volt AC/DC supply.

Each drill is individually cartoned.

EACH £16 19 0

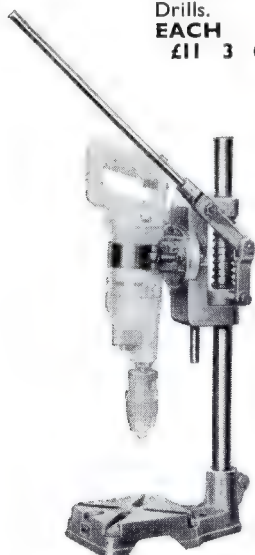
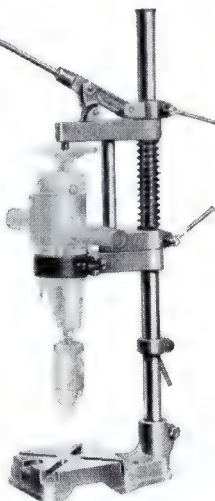


780/3. Drill Stand for
No. 7508 Electric Drill and
No. 7508/2 Electric Drill.
EACH £3 16 0



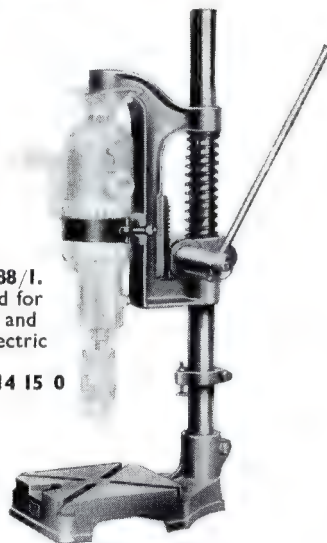
780/4. Drill Stand for
No. 7509/2
Electric Drill.
EACH £5 7 0

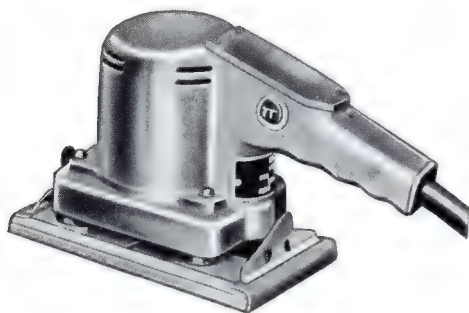
783/2. Drill Stand
for Nos. 7515
and 7515/2
Electric
Drills.
**EACH
£11 3 0**



782. Drill Stand
for Nos. 7510,
7513 and 7513/2
Electric Drills.
EACH £8 2 6

788/1. Drill Stand for
Nos. 7519 and
7523/2 Electric
Drills.
EACH £14 15 0



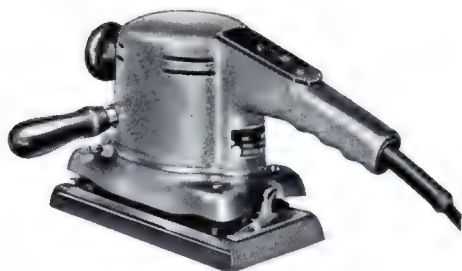


6210W. Orbital Sander, for one or two-hand operation, 220/250-volt, single-phase. Specially suited for all work where a really superfine finish is required. Each machine is individually cartoned.

SPECIFICATION:

Size of sanding plate . . . $3\frac{3}{8}'' \times 6\frac{3}{8}''$
 Full load consumption in watts . . . 120
 Rotations per minute . . . 2,800
 Approximate weight . . . $4\frac{1}{2}$ lbs.

EACH £14 9 0



6218W. Orbital Sander for two-hand operation, 220/250-volt, single-phase. A heavy duty machine of extremely robust construction, with detachable front and side handles. Each machine is individually cartoned.

SPECIFICATION:

Size of sanding plate . . . $4\frac{3}{8}'' \times 8\frac{1}{2}''$
 Full load consumption in watts . . . 200
 Rotations per minute . . . 2,800
 Approximate weight . . . 10 lbs.

EACH £17 10 0



6140. Toolmaker or Die Grinder. For grinding and polishing dies, moulds, etc. Complete with collets for $\frac{1}{8}''$ and $\frac{1}{4}''$ diameter shanks and 9 ft. of cable.

SPECIFICATION:

Output in watts 220
 R.P.M. 22,000
 Weight $4\frac{1}{2}$ lbs.

EACH £19 19 0

6267 HIGH SPEED ANGLE GRINDER



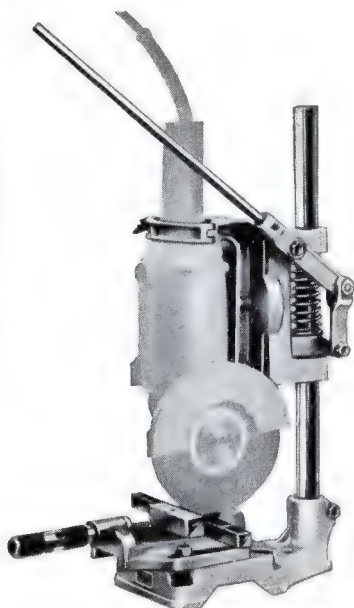
For roughing, grinding, cleaning and trimming work. Grinds, separates and cuts stone, metal plates, etc., cleans and removes rust, welding seams etc.

Heavy duty motor for 220/250-volt AC/DC supply, with built-in thermostat. Low gear head enables operator to grind inaccessible spots. Hardened bevel gears with Gleason spiral teeth, 16½ feet of cable, hexagon spanner, two flanges to fasten grinding wheel, Z3 angle piece, Z1 handle, two spare carbon brushes and guard. Both handles fully insulated.

SPECIFICATION:

Circumferential speed	263 feet per second
Grinding wheel	7" diameter Metabo Flexible
Idling speed, r.p.m.	8,500
Full load consumption, watts	1,500
Output	1.3 h.p.
Weight approximately	14 lbs.

EACH £43 4 0



STAND 781/5 for above machine.

EACH £11 18 0



EACH £28 17 0

6263. 7" Horizontal Sander for 220/250-volt AC/DC universal supply. Complete with rubber backing disc, fixing key and cable. Each machine individually cartoned.

SPECIFICATION:

Full load consumption in watts	450
Output in watts	250
No load speed, r.p.m.	1,900
Full load speed, r.p.m.	1,400
Approximate weight	9½ lbs.



SPECIFICATIONS:

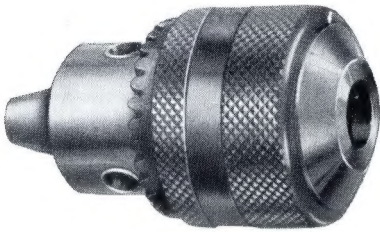
Chuck Number	Capacity	Taper Hole No.	PRICE
800/0	0" - $\frac{1}{4}$ "	1	27/-
800/1	0" - $\frac{5}{16}$ "	2	29/3
800/2	0" - $\frac{3}{8}$ "	2	37/6
800/3	0" - $\frac{1}{2}$ "	6	45/9
800/4	$\frac{1}{8}$ " - $\frac{3}{8}$ "	6	51/9

Futuro Chucks are manufactured from the finest materials and are accurately constructed. They combine highly concentric running, gripping power and long life. The easy-grip sleeve is readily tightened by hand and the drill is secure. The drill cannot slip, as the gripping power of the chuck increases with the load. Drill chuck is easily opened by hand in spite of the tremendous gripping power. No key is required, time wasted, searching for and using this elusive item is eliminated. Futuro Drill Chucks are really the chucks of the future and are almost as cheap as the old key-type chucks, although immensely superior in every way.

**800. FUTURO CHUCK DISPLAY STAND**

This attractive Display Stand is offered entirely free of charge when you purchase two sets of Futuro Drill Chucks. Capacities $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{3}{8}$ ". It is an excellent aid to sales and can be displayed either on your trade counter or in the window.

PRICE OF COMPLETE UNIT £19 2 6



SPECIFICATIONS:

Chuck Number	Capacity	Taper Hole No.	CHUCK PRICE	KEY PRICE
799/0	0 - $\frac{1}{4}$ "	1	25/6	3/6
799/1	0 - $\frac{5}{16}$ "	2	27/9	4/6
799/2	0 - $\frac{3}{8}$ "	2	33/3	5/6
799/3	0 - $\frac{1}{2}$ "	6	41/6	5/9
799/4	$\frac{1}{8}$ " - $\frac{5}{8}$ "	6	48/3	5/9

MT ARBORS FOR DRILL CHUCKS.

No. 1 MT Arbor for No. 6 or No. 3 Taper Hole.
EACH 6/9

No. 2 MT Arbor for No. 6 or No. 3 Taper Hole.
EACH 6/9

MT DRILL SLEEVES, oil toughened and ground externally.

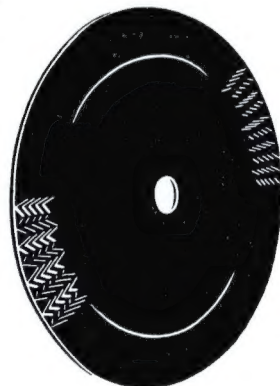
1-2 MT 2-3 MT 3-4 MT

EACH 7/3 8/9 14/3

6700
FLEXIBLE GRINDING WHEELS

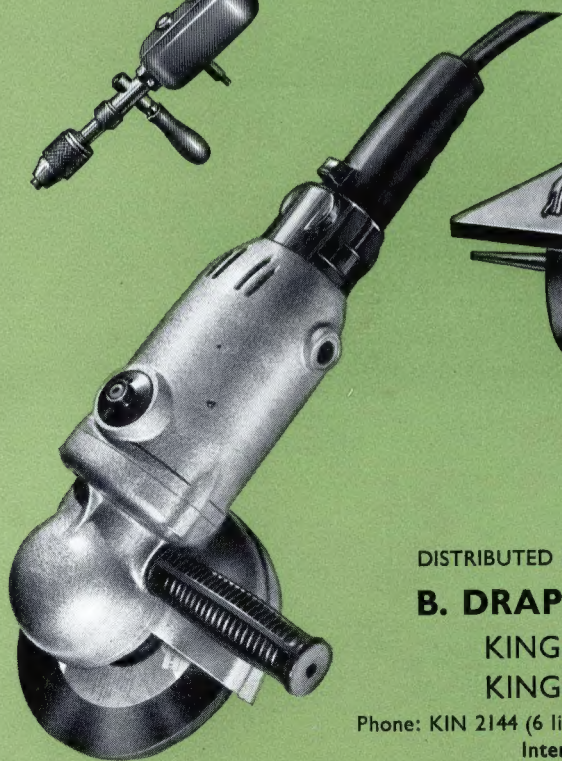
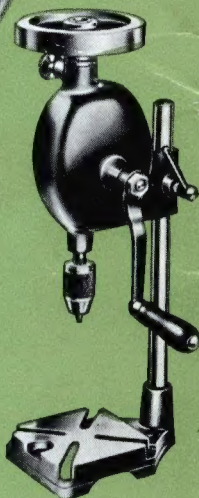
Diam.	Bore	Width	EACH
7"	$\frac{7}{8}$ "	$\frac{1}{4}$ "	16/-
7"	$\frac{7}{8}$ "	$\frac{5}{16}$ "	19/3
7"	$\frac{7}{8}$ "	$\frac{3}{8}$ "	23/6

MANUFACTURED FROM RESIN BONDED MATERIAL — NYLON REINFORCED

6800
FLEXIBLE CUTTING-OFF
WHEELS

Diam.	Bore	Width	EACH
7"	$\frac{7}{8}$ "	$\frac{3}{32}$ "	7/6
7"	$\frac{7}{8}$ "	$\frac{9}{64}$ "	8/6
7"	$\frac{7}{8}$ "	$\frac{3}{16}$ "	10/9
7"	$\frac{7}{8}$ "	$\frac{7}{32}$ "	13/-





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